determining, by the radio station, as additional information a received level for a general signaling channel, sent by the base station with a constant transmitting power, with general information about the radio communication system.

13. A method for channel allocation in a radio communication system as claimed in claim 11, the method further comprising the step of:

determining, by the radio station, as additional information at least one characteristic value which contains information on at least one of a received level, a bit error rate, and a value proportional to a signal transmit time between the radio station and the base station.

14. A method for channel allocation in a radio communication system as claimed in claim 11, the method further comprising the step of:

performing a subscriber separation according to a TDMA method, a transmission channel being defined by a frequency band, a time slot and a CDMA code.

15. A method for channel allocation in a radio communication system as claimed in claim 14, the method further comprising the step of:

determining and signaling to the base station, via the radio station, a respective interference situation in the time slot as additional information.

16. A method for channel allocation in a radio communication system as claimed in claim 15, the method further comprising the step of:

using the additional information by the base station for selecting at least one suitable time slot in which the number of transmission channels is allocated.

17. A method for channel allocation in a radio communication system as claimed in claim 11, wherein the information is transmitted in accordance

with a TDD method, the information being transmitted from the radio station to the base station and from the base station to the radio station separated in time in a frequency band.

18. A base station of a radio communication system which uses a CDMA subscriber separation method comprising:

a transceiver device for receiving a request for a number of transmission channels for a communication connection in a signaling channel; and

an evaluating device for evaluating information, additionally signaled in the signaling channel about transmission conditions of the communication connection and for controlling a transmitting power for a further signaling channel for allocating the requested number of transmission channels.

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19. A base station of a radio communication system which uses a CDMA subscriber separation method as claimed in claim 18, wherein the evaluating device uses as additional information a certain interference situation in a respective time slot for selecting at least one suitable time slot for allocating the requested number of transmission channels, an additional subscriber separation according to a TDMA method being effected in the radio communication system.

20. A base station of a radio communication system which uses a CDMA subscriber separation method as claimed in claim 18, wherein the base station is part of at least one of a mobile radio station and a wireless subscriber access system.

REMARKS

The present amendment makes editorial changes and corrects typographical errors in the specification in order to conform the specification to the requirements of the United States Patent practice. No new matter is added thereby. Original claims 1-10 have been canceled in favor of new claims 11-20. Claims 11-20 have